

Abstract of the Disclosure

A lactone solvent swell composition and method of using the composition. The lactone swell composition is used to condition resinous material for etching to form a porous textured surface on the resinous material. The porous texture permits the deposition of a metal on the resinous material such that a high integrity bond is formed between the textured resinous material and the deposited metal. Such a bond between the metal and the resinous material prevents de-lamination of the metal and resin bond. The lactone solvent swell compositions also desmear resin material from substrates. The lactone solvent swell compositions may be employed to treat resinous material used in the manufacture of printed wiring boards. Metal may be deposited on the textured resinous material by electroless plating.